

WHAT IS CLAIMED IS:

1. A method for tracking unit tests of a software application, said method comprising the steps of:

- (a) conducting unit tests on a software application, said unit tests ordered under hierarchical groupings; and
- (b) tracking said unit tests so as to capture a result of each of said unit tests and a hierarchical position of each of said unit tests within said hierarchical groupings.

2. The method of claim 1, further comprising the step of:

- (c) outputting the hierarchical position of each of said units test in association with the corresponding result.

3. The method of claim 1, wherein at least one of said unit tests is iteratively conducted multiple times, and said method further comprises the step of:

- (d) each time one of said unit tests is conducted, associating an iteration ordinal indication with the result obtained.

4. The method of claim 1, wherein said unit tests are grouped within a test suite, said test suite comprising a highest order grouping of said unit tests, said test suite grouping containing at least one test case, each test case comprising a sub-grouping of said test suite.

5. The method of claim 4, wherein a sub-set of said unit tests is grouped within one test case.

6. The method of claim 5, wherein one or more other test cases are grouped within said one test case, each of said other test cases comprising a sub-grouping of said one test case.

5 7. The method of claim 6, wherein at least one of said other test cases is iteratively conducted.

10 8. The method of claim 3, wherein said associating step further comprises instantiating at least one of a test case class and a test suite class, said test case class and said test suite class being associated with methods for, in respect of a given unit test, getting a parent of a sub-grouping to which said given unit test belongs and any iteration ordinal.

15 9. The method of claim 8, wherein said test case class extends a test case class and said test suite class extends a unit test suite class.

20 10. The method of claim 9, wherein said unit tests are conducted by an instantiation of a runner within an instantiation of a framework, said test case class and said test suite class being part of said framework.

11. The method of claim 10, wherein said framework and said runner are JUnit compliant.

25 12. A computer readable medium storing instructions, said instructions when executed by a computer system adapting said computer system to:

(a) conduct unit tests on a software application, said unit tests ordered under hierarchical groupings; and

30 (b) track said unit tests so as to capture a result of each of said unit test and a hierarchical position of each of said unit tests within said hierarchical groupings.

13. The computer readable medium of claim 12, wherein said instructions further adapt said computer system to:

(c) output the hierarchical position of each of said unit tests in association with said result.

14. The computer readable medium of claim 13, wherein said instructions further adapt said computer system to:

(d) iteratively conduct at least one of said unit tests multiple times; and

(e) each time one of said unit tests is conducted, associate an iteration ordinal indication with the result obtained.

15. A computer system for testing a software application, comprising:

a central processing unit; and

a memory for storing instructions, which, when executed by said central processing unit, adapt said computer system to:

(a) conduct unit tests on said software application, said unit tests ordered under hierarchical groupings; and

(b) track said unit tests so as to capture a result of each unit test and a hierarchical position of each of said unit tests within said hierarchical groupings

16. The computer system of claim 15, wherein the instructions further adapt said computer system to:

(c) output the hierarchical position of each of said unit tests in association with said result.

17. The computer system of claim 16, wherein the instructions further adapt said computer system to:

- (d) iteratively conduct at least one of said unit tests multiple times; and
- (e) each time one of said unit tests is conducted, associate an iteration ordinal indication with the result obtained.

18. A system for tracking unit tests of a software application, said system comprising:

- (a) means for conducting unit tests on a software application, said unit tests ordered under hierarchical groupings; and
- (b) means for tracking said unit tests so as to capture a result of each of said unit tests and a hierarchical position of each of said unit tests within said hierarchical groupings.

19. The system of claim 19, further comprising:

- (c) means for outputting the hierarchical position of each of said unit tests in association with the corresponding result.

20. The system of claim 19, wherein at least one of said unit tests is iteratively conducted multiple times, and said system further comprises:

- (d) each time said one of said unit tests is conducted, means for associating an iteration ordinal indication with the result obtained.